

Amendments to the Specification:

Please make the following amendments to the specification (material to be inserted in replacement paragraphs or sections is in **bold and underline**, and material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [[]]).

Please replace the paragraph beginning at page 7, line 21, with the following rewritten paragraph:

First electrode 32' and second electrode 34' may be coupled to body 60 in any suitable manner. In the depicted embodiment, first electrode 32' and second electrode 34' extend through body 60 of printing fluid reservoir 26 to a pair of external contacts, which are illustrated schematically in Fig. [[2]] **3** as first contact 70 and second contact 72. Electrical contacts 70 and 72 may be configured to automatically form a connection with complementary contacts on printing device 10 (not shown) when printing fluid reservoir 26 is correctly mounted to printing device 10. This may enable printing fluid detector 30' to be easily connected to and disconnected from power supply 40', as well as any detector circuitry, during printing reservoir removal and/or replacement.

Please replace the paragraph beginning at page 9, line 1, with the following rewritten paragraph:

The EDL at each electrode acts effectively as a capacitor, wherein the layer of ions acts as one plate and the electrode acts as the other plate. The effective circuit of the electrodes in the solution is shown generally at 50 in Fig. 4, wherein capacitor 52 represents the EDL at first electrode 32, and capacitor 54 represents the EDL at second electrode [[44]] 34. The printing fluid will also have an associated resistance, represented by resistor 56.